

NAVY CHILDREN SCHOOL, PORT BLAIR
SPLIT UP SYLLABUS 2022-2023
CLASS - V, EVS

SLNO	MONTH	NAME OF THE CHAPTER	NO. OF TEACHING PERIODS	CONCEPTS TO BE TAUGHT	LEARNING OUTCOMES	SUGGESTED ACTIVITY
1	APRIL	1. Super Senses	08 Days	1. Recapitulate five human senses. 2. Strong super sense of animals. 3. Different modes of communications in animals. 4. Pleasant and unpleasant smell. 5. Camouflage and hibernation in animals. 6. Protection of natural environment.	1. To learn about five senses of humans. 2. To gain knowledge on strong super sense of animals (smell). 2. To identify sense of sight and different modes of communication in animals. 3. To differentiate pleasant and unpleasant smell. 4. To understand about camouflage and hibernation in animals. 5. To generate awareness about protection of natural environment.	1. Draw diagrams of five sense organs of human beings and write their functions. 2. Observe and know about the behavior of ants after dropping something sweet. 3 Observe the pictures given in the textbook and write for how many hours a day these animals sleep. 4. Mapwork-National Park and their locations.
		2. A Snake Charmer's story (EE Lesson)	04 Days	1. Culture, tradition and lifestyle of snake charmers. 2. Different types of poisonous and non-poisonous snakes. 3. Snake rangoli-Naag Ghumpha. 4. Sensitivity towards animal cruelty.	1. To know culture, tradition and lifestyle of snake charmers. 2. To understand how snake charmers helped people. 3. To understand snakes are friends of farmers. 4. Learn about fangs, ducts, etc. 5. To know about the snake	1.Students to write about: a. Snake Charmers b. Kalbeliyas 3.Map work – Mark the states on political map of India where designs of Naag Ghumpha are used for decoration. 4. Collect pictures of 2 poisonous and 2 non-

					<p>rangoli – NAAG GHUMPHA.</p> <p>6. To become sensitive about cruelty to animals.</p> <p>7. To learn about animal products used by us.</p> <p>8. To identify the musical instruments used in the been party.</p> <p>9. To identify poisonous snakes and non-poisonous snakes.</p>	<p>poisonous snakes of India and write few lines on them.</p> <p>5. Draw Snake fangs, ducts.</p> <p>6. Make Kalbeliya dress using black beads.</p> <p>7. Make a Snake puppet.</p>
		3. From Tasting to Digesting	08 Days	<p>1. Different parts of tongue.</p> <p>2. Role of saliva in digestion process.</p> <p>3. Parts of digestive system.</p> <p>4. Importance of water in human body.</p> <p>5. Difference between healthy food and junk food.</p>	<p>1. To identify the food items by their taste and smell.</p> <p>2. To gain knowledge about tongue and location of different taste buds on it.</p> <p>3. To understand that digestion of food starts with chewing in mouth.</p> <p>4. To learn about chewing and the role of Saliva.</p> <p>5. To identify the organs of digestive system and learn their names.</p> <p>6. To know the importance of water in our body and how ORS helps in maintaining water during dehydration.</p> <p>7. To understand how glucose gives energy instantly.</p> <p>8. To know the difference</p>	<p>1. Match different food items with their taste.</p> <p>2. Draw the diagram and label the taste areas of the tongue.</p> <p>3. Label the parts of the digestive system in a picture.</p> <p>4. Prepare an ORS solution.</p> <p>5. List food items that make a balanced diet.</p> <p>6. Prepare fruit chaat/balanced thali.</p>

					between proper (healthy) food and junk food.	
2	May and June	4. Mangoes round the year	08 Days	<ol style="list-style-type: none"> 1. Food spoilage and ways to prevent spoilage of food. 2. Mamidi tandra. 3. Food preservation. 	<ol style="list-style-type: none"> 1. To learn difference between Food spoilage and wastage of food. 2. To learn about various ways to prevent spoilage of food. 3. To know about Mamidi tandra. 4. To know about preservation of food items for longer span. 	<ol style="list-style-type: none"> 1. Experiment on food spoilage using bread/roti. 2. Collect pictures and information on various food items regarding manufacturing date, expiry date, ingredients, nutrition value, weight, etc. 3. Write steps to prepare aam papad. 4. List various food items and their natural ways and means to preserve (using sugar, jaggery, etc.)
3	JULY	5. Seeds and Seeds	08 Days	<ol style="list-style-type: none"> 1. Seed germination and different types of seeds. 2. Parts of seed. 3. Uses of seeds and their dispersal ways. 4. Insectivorous plants. 	<ol style="list-style-type: none"> 1. To learn about seed germination and different types of seeds. 2. To know about the number of seeds in fruits and parts of seed. 3. To know that some plants grow without seeds. 4. To learn about uses of seeds and their dispersal. 5. To understand about insectivorous plants. 	<ol style="list-style-type: none"> 1. Experiment on Beans seed showing various stages of germination. 2. Draw various stages of seed germination. 3. Collect various types of seeds and stick on activity sheet. 4. Collect pictures of some insectivorous plants and write few lines about them.

		6. Every drop counts (E.E Lesson)	06 Days	<ol style="list-style-type: none"> 1. Importance of Rain water. 2. Places in India facing water scarcity issues. 3. Old and new water storage techniques. 4. Water bill and Jal board. 5. Groups working for water arrangement. 	<ol style="list-style-type: none"> 1. To know importance of rain water. 2. To know water storing ways of ancient and modern time. 3. To understand water bill and working of jal board. 4. To think upon water problem resolving issues. 	<ol style="list-style-type: none"> 1. List natural water resources during old age and modern age. 2. Discussion on a sample water bill and working of jal board. 3. Make a chart on Rain water harvesting.
			TERM I	ASSESSMENT 1		
4	AUGUST	7. Experiments with water	07 Days	<ol style="list-style-type: none"> 1. Objects which float and sink in water. 2. Concept of Solute, Solvent and Solution. 3. Buoyant force and Gravitational force. 4. Concept of Water as a “universal Solvent”. 5. Evaporation. 6. 3 forms of Water. 	<ol style="list-style-type: none"> 1. Observe that a few things float and few things sink in water. 2. Learn about Solute, Solvent and solution. 3. Know about buoyant force and gravitational force. 4. Know that Water is a “Universal Solvent”. 5. Understand about Evaporation and 3 forms of water. 	<ol style="list-style-type: none"> 1. Classification of things to see which float, which sink and which mix with water. 2. Experiment on Racing drops. 3. Making Nimbu paani with water. 4. Experiment to observe 3 forms of water. 5. Discussion on ‘Dandi Yatra’ by showing a video clip.
		8. A Treat for Mosquitoes	07 Days	<ol style="list-style-type: none"> 1. Concept of Anaemia. 2. Reading a blood report. 3. Malaria disease. 4. Discovery of Sir Ronald Ross. 5. Prevention measures from mosquito. 6. Balanced diet. 	<ol style="list-style-type: none"> 1. Learn about Anaemia. 2. Students able to read and understand a blood report. 2. Students able to observe and identify the symptoms of Malaria. 3. Understand the valuable 	<ol style="list-style-type: none"> 1. Prepare a poster to create awareness about Malaria. 2. Draw life cycle of mosquito. 3. Write a letter to the person responsible for

				7. Diseases caused by flies.	discovery of Sir Ronald Ross. 4. Learn about prevention measures from mosquito. 5. Understand the importance of Balanced/Healthy diet. 6. Know about the diseases caused by flies.	keeping the area around school clean. 4. Discussion on a sample blood report. 5. Conduct a cleanliness drive with students. 6. Collect stories on discoveries about different diseases. 7. Observe any nearby breeding pond, river and noting the observations.
		9. Up you Go! (EE Lesson)	05 Days	1. Adventurous and Challenging sides to climb a mountain. 2. Responsibilities as a Leader. 3. Mountaineering equipments. 4. Snow camps.	1. To Know and understand that mountain climbing is adventure as well as a challenge. 2. To learn about responsibilities of a leader during mountain climbing. 3. To identify various mountaineering equipments required. 4. To know about camps in the snow. 5. To appreciate and respect other languages.	1. Collect and discuss stories of real life experiences of some known mountaineers. 2. Draw pictures of mountaineering equipments. 3. Discussion on adventurous and challenging sides of mountain climbing. 4. List out the languages spoken by your friends and classmates.
	SEPTEMBER	10. Walls Tells Stories (EE Lesson)	08 Days	1. Historical importance of monuments. 2. History of Golconda Fort. 3. Love and respect for India's rich cultural heritage. 4. Importance of maps.	1. To understand historical importance of different monuments. 2. To learn about history and construction of Golconda fort.	1. Mark 5 monuments in 5 different states of India. 2. A virtual tour of Golconda fort using video link. 3. Project report on how

				<p>5. Importance of museums. 6. Different types of metals used in ancient times.</p>	<p>3. To develop love and respect for India's cultural heritage. 4. To understand the importance of maps and know about the four cardinal directions. 5. To understand the importance of museums. 6. To identify different types of metals on the basis of their colour.</p>	<p>to protect our heritage and monuments. 4. Identify directions on the basis of Sunrise and Sunset and draw four cardinal directions. 5. Collect antique objects and identify their metal type.</p>
		11. Sunita in Space	10 Days	<p>1. Concept of Night sky. 2. Different phases of moon. 3. Shape of Earth and Gravitation. 4. Concept of Spaceship. 5. Sunita Williams space experience. 6. Natural and manmade satellites. 7. Uses of satellites.</p>	<p>1. To learn about night sky and different phases of moon. 2. To know about shape of Earth and gravitation. 3. To understand about Space ship. 4. To know about Sunita Williams and her experience in space. 5. To learn about natural and manmade satellites. 6. To understand the uses of satellites in our daily life.</p>	<p>1. Observe night sky and discuss the things observed. 2. Observing locations of different places on the globe. 3. Draw and label various phases of moon. 4. Observe and write down moonrise timings for 15 days. 5. Observe what happens on dropping various objects at the same time. 6. Collect pictures of Spaceship and paste in activity book. 7. Enact imagining class is a spaceship.</p>
			TERM I	ASSESSMENT 2		
6	OCTOBER	12. What if it	12 Days	1. Various types of roads and	1. To classify various types of	1. List down road safety

		Finishes?		<ul style="list-style-type: none"> road safety rules. 2. Noise pollution. 3. ILL effects of smoke. 4. Minerals mined from deep inside of the Earth. 5. Renewable and Non-renewable resources. 6. Urban and rural cooking ways. 7. Concept of fuel prices. 	<ul style="list-style-type: none"> roads and to know road safety rules. 2. To understand about noise pollution and ill effects of smoke. 3. To learn about various minerals mined from deep inside the earth. 4. To differentiate between renewable and non-renewable resources. 5. To learn about urban and rural cooking ways. 6. To understand about fluctuations of fuel prices. 	<ul style="list-style-type: none"> rules. 2. Drawing on Noise pollution. 3. List possible ways to reduce the number of vehicles on the road. 4. Map work- Mark the states having oil fields. 5. Poster making /Slogan writing on 'SAVE FUEL'. 6. List price of petrol and diesel in last 5 years and observe the fluctuations in prices. 7. Make a model of 'Chulha'.
7	NOVEMBER	13. A Shelter so High!	08 Days	<ul style="list-style-type: none"> 1. Concept of Hot and Cold deserts. 2. Lifestyle of Changpas. 3. Life at Higher altitudes. 4. Different types of houses in hilly regions. 	<ul style="list-style-type: none"> 1. To understand that all deserts are not hot and sandy. 2. To learn about the lifestyle of Changpa tribe. 3. To develop sensitivity towards people living at higher altitudes. 4. To learn about different types of houses in different regions depends on climate and locally available raw material, etc. 	<ul style="list-style-type: none"> 1. Map work- Mark the states having temperature 0 degrees or below 0 degrees Celsius. 2. Discussion on virtual video clip depicting lifestyle of Changpas. 3. Paste the picture of Pashmina shawl and write down its specific features. 4. List similarities and differences in the lifestyles of Bakarwal people and Changpas. 5. Make a model/sketch of different types of shelters found in Leh/Ladakh

						/Srinagar.
			TERM II	ASSESSMENT 3		
		14. When the Earth Shook!	08 Days	<ol style="list-style-type: none"> 1. Natural calamities and their adverse effects. 2. Groups working to rescue and save people from natural calamities. 3. Work of Engineers and Architects. 4. Disaster management. 	<ol style="list-style-type: none"> 1. To learn about natural calamities and their effects. 2. To learn about Government agencies and voluntary groups. 3. To understand the work of Engineers and Architects. 4. To learn about Do's and Dont's during disasters. 	<ol style="list-style-type: none"> 1. Mock drill if there is an earthquake. 2. Prepare a telephone directory for emergency numbers. 3. List various ways by which disaster affected people can be helped out. 4. Evacuation chart of your school during any natural calamity. 5. Prepare an Emergency Kit depicting requirements for adverse time.
		15. Blow Hot, Blow Cold (EE Lesson)	06 Days	<ol style="list-style-type: none"> 1. Concept of Hot and Cold air. 2. Breaths in one minute. 3. Clock inside human body. 4. Direction of Air flow. 	<ol style="list-style-type: none"> 1. To know and understand the concept of Hot and Cold air depending upon the outside temperature. 2. To analyse how many breaths occur in one minute. 3. To learn about human heart clock. 4. To gain knowledge about direction of air flow. 	<ol style="list-style-type: none"> 1. List out various ways to cool hot food items. 2. Blow the given objects and note the observations. 3. Experiment on Air blown on a mirror. 4. Counting number of breaths in one minute. 5. Snake game. 6. Classify musical instruments that make sound by blowing air, percussion instruments.
8	DECEMBER	16. Who will do this work?	08 Days	<ol style="list-style-type: none"> 1. Concept of Cleanliness workers. 2. Community workers. 3. Concept of Untouchability. 	<ol style="list-style-type: none"> 1. To sensitise to be respectful to cleanliness workers. 2. Recapitulate about 	<ol style="list-style-type: none"> 1. Workshop with school staff doing cleanship work. 2. Make a collage of

				4. Gandhiji's teachings of every person should do every kind of work.	various community workers. 3. To develop sensitivity towards untouchability. 4. To gain knowledge on Gandhiji's teachings on Self working spirit.	community helpers. 3. Slogan writing on No more Untouchability practice. 4. Conducting a cleanliness drive at school. 5. Discussion on Virtual clip of Gandhiji's Sabarmati Ashram work practices.
9	JANUARY	17. Across the Wall (EE Lesson)	06 Days	1. Concept of team spirit. 2. Gender equality in Sports. 3. No discrimination on the basis of caste or economic status. 4. Healthy competition in Sports.	1. To understand to play for the team with a team spirit. 2. To sensitize towards Gender equality. 3. To learn not to discriminate on the basis of caste or economic status. 4. To understand that ranking and unhealthy competition should be avoided.	1. Paste picture of your favourite sport and write few lines about it. 2. Collage making of different women sportsperson of India. 3. List out various ways by which a leader shows his leadership qualities during a game. 4. List out games played by your Grandparents, Parents and other elderly people of your family during their childhood and school age.
		18. No Place for us?	08 Days	1. Concept of Homeless people and Slum areas 2. Silence is different from calm/peace. 3. Different aspects of dams. 4. Problems and difficulties faced on being displaced or	1. To become sensitive towards homeless people. 2. To differentiate silence from calm/peace. 3. To understand how big projects like dams, bridges, highways, factories are	1. Discussion on a virtual clip showing homeless people. 2. List advantages and disadvantages of Dam construction. 3. Visit to a nearby dam

				transferred.	promoted in the name of development. 4. To analyse the problems faced on being transferred from one place to another.	site. 4. Collect newspaper reports on Dam controversies. 5. Make a collage on slum area.
		19. A Seed tells a Farmer's story	08 Days	<ol style="list-style-type: none"> 1. Rabi and Kharif crops. 2. Types of Agricultural practices. 3. Methods of plant propagation. 4. Farmer's struggles in India. 	<ol style="list-style-type: none"> 1. To differentiate between Rabi and Kharif crops. 2. To learn about various types of agricultural practices. 3. To know and understand various methods of plant propagation. 4. To understand and analyse farmer's struggles in developing countries. 	<ol style="list-style-type: none"> 1. List and draw Rabi and Kharif crops grown in India. 2. Collect pictures of different types of agricultural practices and write about them. 3. Prepare manure from waste compost pit. 4. Draw plant propagating through Root, stem cuttings, leaf etc. 5. Visit to a nearby nursery or field.
10	FEBRUARY	20. Whose Forests?	06 Days	<ol style="list-style-type: none"> 1. 'Girl stars'-extraordinary tales of ordinary girls. 2. Web of relationship between plants, trees and animals in a forest. 3. Concept of Forest dwellers and contractors. 4. Need and problems associated with building of big dams, roads, mining projects etc. 5. Right to Forest Act. 	<ol style="list-style-type: none"> 1. To gain knowledge about 'Girl stars'. 2. To understand web of relationship in a forest. 3. To know about Forest dwellers and Contractors. 4. To analyse needs and problems related with big dams, roads, mining projects, etc. 5. To know about Right to Forest Act. 	<ol style="list-style-type: none"> 1. List resources under threat. 2. Map work on natural forest reserves. 3. List various ways to measure land. 4. Make a collage showing web relationship between Plants, Trees and animals. 5. Poster making on 'Save Forests'. 6. Enlist plant/forest

				6. Hilly terrain of North East and the state of Mizoram which practices Jhoom farming.	6. To gain knowledge about hilly terrain of North East. 7. To understand jhoom farming of Mizoram.	products used by us. 7. Discussion on a virtual clip showing various farming techniques. 8. Visit to a nearby forest land.
		21. Like Father, Like Daughter	06 Days	<ol style="list-style-type: none"> 1. Recapitulate similar traits amongst the members of a family. 2. Birth and environmental acquired traits. 3. Pulse polio disease. 4. Gregor Mendel's experiment on pea plant. 	<ol style="list-style-type: none"> 1. To Observe and analyse similar traits amongst members of a family. 2. To learn about birth and environment acquired traits. 3. To know and understand how a polio disease occurs and ways to prevent it. 4. To gain knowledge on Gregor Mendel's pea experiment. 	<ol style="list-style-type: none"> 1. Tabulate similarities and differences amongst you, your parents and Grandparents. 2. Collect information about diseases inherited to the next generation. 2. List various ways to measure hair and height. 3. Collect pictures of different kinds of disabilities due to polio disease and paste in activity book. 4. Discussion on newspaper clippings on Pulse Polio. 5. Poster making on promotion of Pulse Polio drops and vaccination. 6. Discussion on a virtual clipping on Gregor Mendel's pea experiment.
		22. On the Move Again (EE Lesson)	04 Days	<ol style="list-style-type: none"> 1. Concept of Borrowing money, loans, debts and agents. 2. Different types of farmers. 3. Methods of irrigation in 	<ol style="list-style-type: none"> 1.To learn about issues related to borrowing money, loans, debts and agents. 2.To understand similarities 	<ol style="list-style-type: none"> 1. Role play and discussion on borrowing money. 2. List out similarities and differences between

				farms. 4. Drug addiction and harmful effects of drugs/narcotics. 5. Migrating communities.	and differences in the lives of different kinds of farmers. 3.To learn about various methods of irrigation. 4.To understand and analyse harmful effects of drugs/narcotics. 5.To enlist the reasons of communities migrating from one place to another and kind of work done by them.	various kinds of farmers. 3. Prepare charts/posters on Drug addiction and their prevention. 4. Discussion on virtual clip showing various migrating communities.
			TERM II	ASSESSMENT 4		